

From : Pichia AOX1 gene
 REFORMAT of: aox1struc.dat check: 7029
 from: 1 to: 1992 27-MAY-1987 11:40

From : Pichia AOX2 gene
 REFORMAT of: aox2struc.dat check: 9641
 from: 1 to: 1992 27-MAY-1987 11:41

From : Pichia OAS1 gene
 REFORMAT of: oas1struc.dat check: 3191
 from: 1 to: 2124 22-APR-1987 15:08

From : Pichia OAS2 gene
 REFORMAT of: oas2struc.dat check: 3479
 from: 1 to: 2124 15-JUN-1987 14:33

From : Pichia GAP gene
 REFORMAT of: gapstruc.dat check: 9059
 from: 1 to: 1002 15-JUN-1987 14:38

Amino Acid	Codon	Number	Fraction
Gly	GGG	0.00	0.00
Gly	GGA	59.00	0.22
Gly	GGT	197.00	0.74
Gly	GGC	9.00	0.03
Glu	GAG	112.00	0.38
Glu	GAA	80.00	0.42
Asp	GAT	58.00	0.32
Asp	GAC	118.00	0.68
Val	GTE	10.00	0.05
Val	GTA	8.00	0.04
Val	GTT	107.00	0.50
Val	GTC	87.00	0.41
Ala	GCG	1.00	0.00
Ala	GCA	25.00	0.10
Ala	GCT	147.00	0.80
Ala	GCC	71.00	0.29
Arg	AGG	2.00	0.01
Arg	AGA	111.00	0.79
Ser	AGT	8.00	0.04
Ser	AGC	3.00	0.02
Lys	AAG	145.00	0.79
Lys	AAA	38.00	0.21
Asn	AAT	18.00	0.13
Asn	AAC	119.00	0.87

Amino Acid	Codon	Number	Fraction
Met	ATG	90.00	1.00
Ile	ATA	0.00	0.00
Ile	ATT	93.00	0.58
Ile	ATC	72.00	0.44
Thr	ACG	5.00	0.03
Thr	ACA	8.00	0.05
Thr	ACT	86.00	0.50
Thr	ACC	74.00	0.43
Trp	TGG	39.00	1.00
End	TGA	0.00	0.00
Cys	TGT	35.00	0.83
Cys	TGC	7.00	0.17
End	TAG	1.00	0.20
End	TAA	4.00	0.80
Tyr	TAT	18.00	0.12
Tyr	TAC	128.00	0.88
Leu	TTG	120.00	0.52
Leu	TTA	21.00	0.08
Phe	TTT	24.00	0.19
Phe	TTC	104.00	0.81
Ser	TCG	8.00	0.03
Ser	TCA	14.00	0.07
Ser	TCT	89.00	0.47
Ser	TCC	71.00	0.37
Arg	CGG	2.00	0.01
Arg	CGA	0.00	0.00
Arg	CGT	26.00	0.18
Arg	CGC	0.00	0.00
Gln	CAG	31.00	0.34
Gln	CAA	59.00	0.66
His	CAT	11.00	0.13
His	CAC	77.00	0.88
Leu	CTG	35.00	0.15
Leu	CTA	7.00	0.03
Leu	CTT	43.00	0.18
Leu	CTC	7.00	0.03
Pro	CCG	0.00	0.00
Pro	CCA	97.00	0.57
Pro	CCT	68.00	0.39
Pro	CCC	7.00	0.04

Table 1
 PICHIA CODON USAGE TABLE